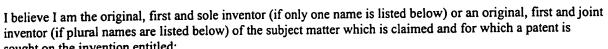
COMBINEI: LARATION AND POWER OF ATTOMIC ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART APPLICATION

As a below name inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,



ought on the inv	vention entitled.			
NSULIN AND	IGF-1 RECEPTOR AGONIST	S AND ANTAGON	ISTS	
he specification	of which			
a. []	is attached hereto			
b. [x]	was filed on March 29, 2000 as application Serial No. 09/538,038 and was amended on (if applicable).			
	PCT FILED APPLICA	TION ENTERING 1	IATIONAL STAGE	
c. []	was described and claimed in and as amended on	International Applic	ation No filed	on
hereby state tha	at I have reviewed and understant I have reviewed and understant and the state of t	and the contents of the cred to above.	e above-identified specificati	on, including
acknowledge that of Federal Regul	ne duty to disclose information ations, § 1.56.	which is material to	the patentability as defined in	1 Title 37, Code
hereby specify are to be directed	the following as the correspon	dence address to whi	ch all communications about	this application
SEND (CORRESPONDENCE TO:	MORGAN & FIN 345 Park Avenue New York, N.Y.		
DIREC	T TELEPHONE CALLS TO:	(212) 758-4800		
365(b) of any finternational app dentified below application(s) file	creby claim foreign priority ber foreign application(s) for paten dication(s) designating at least such foreign application(s) for ed by me on the same subject on on which priority is claimed:	at or inventor's certification one country other the patent or inventor's matter having a filing	cate or under § 365(a) of any an the U.S. listed below and a certificate or such PCT inten	PCT also have national
[] The his declaration.	attached 35 U.S.C. § 119 clai	m for priority for the	application(s) listed below for	orms a part of
Country/PCT	Application Number	Date of filing (day, month, yr)	Date of Issue (day, month, yr)	Priority <u>Claimed</u>
				(1VFS (1NO

[] I hereby claim the benefit under 32 U.S.C. § 119(e) of any U.S. provisional application(s) listed below.

Provisional Application No.

Date of Filing (day, month, yr)

ADDITIONAL STATEMENTS FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART OR PCT INTERNATIONAL APPLICATION(S) (DESIGNATING THE U.S.)

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s) or under § 365(c) of any PCT international application(s) designating the U.S. listed below.

U.S. Serial No. 09/146,127 US/PCT Application Serial No.	September 2, 1998 Filing Date	Pending Status (patented, pending, abandoned)/ U.S. application no. assigned (For PCT)
		o.o. application no. assigned (FOF PCI)

[X] In this continuation-in-part application, insofar as the subject matter of any of the claims of this application is not disclosed in the above listed prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or Imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith: John A. Diaz (Reg. No. 19,550), John C. Vassil (Reg. No. 19,098), Alfred P. Ewert (Reg. No. 19,887), David H. Pfeffer (Reg. No. 19,825), Harry C. Marcus (Reg. No. 22,390), Robert E. Paulson (Reg. No. 21,046), Stephen R. Smith (Reg. No. 22,615), Kurt E. Richter (Reg. No. 24,052), J. Robert Dailey (Reg. No. 27,434), Eugene Moroz (Reg. No. 25,237), John F. Sweeney (Reg. No. 27,471), Arnold I. Rady (Reg. No. 26,601), Christopher A. Hughes (Reg. No. 26,914), William S. Feiler (Reg. No. 26,728), Joseph A. Calvaruso (Reg. No. 28,287), James W. Gould (Reg. No. 28,859), Richard C. Komson (Reg. No. 27,913), Israel Blum (Reg. No. 26,710), Bartholomew Verdirame (Reg. No. 28,483), Maria C.H. Lin (reg. No. 29,323), Joseph A. DeGirolamo (Reg. No. 28,595), Michael P. Dougherty (Reg. No. 32,730), Seth J. Atlas (Reg. No. 32,454), Andrew M. Riddles (Reg. No. 31,657), Bruce D. DeRenzi (Reg. No. 33,676), Michael M. Murray (Reg. No. 32,537), Mark J. Abate (Reg. No. 32,527), Alfred L. Haffner, Jr. (Reg. No. 18,919), Harold Haidt (Reg. No. 17,509), John T. Gallagher (Reg. No. 35,516), Steven F. Meyer (Reg. No. 35,613), Kenneth H. Sonnenfeld (Reg. No. 33,285), Tony V. Pezzano (Reg. No. 38,271), Andrea L. Wayda (Reg. No. 43,979) and Walter G. Hanchuk Reg. No. (35,179) of Morgan & Finnegan, L.L.P. whose address is: 345 Park Avenue, New York, New York, 10154; and Michael S. Marcus (Reg. No. 31,727) and John E. Hoel (Reg. No. 26,279) of Morgan & Finnegan, L.L.P., whose address is 1775 Eye Street, Suite 400, Washington, D.C. 20006.

_	washington, D.C. 20006.
[]	I hereby authorize the U.S. attorneys and/or agents named hereinabove to accept and follow instructions from
	as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and/or agents and me. In the event of a change in the person(s) from whom instructions may be taken I will so notify the U.S. attorneys and/or agents hereinabove.

Full name of first joint inventor James Beasley
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Post Office Address 35 Magellan Way, Franklin Park, NJ 08823 USA
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Citizenship U.S.
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Full name of third joint inventor Lauge Schäffer
Inventor's signature* date
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Post Office Address Hornemansgade 12,1,2100-DK Copenhagen Ø, Denmark
Full name of fourth joint inventor Renuka Pillutla
Inventor's signature* Charles Filling 720 00
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Inventor's signature*	e Brisitte il DRIVE, CLARKSBURG	07/18/00	
20 DEER TOLA Residence 2676 Wildberry Court, E	IL DRIVE, CLARKS BURG Edison, New Jersey 08817, USA	-date-, N.J. 0851D	PB
Citizenship <u>U.S.A.</u>			
Post Office Address 2676 Wildberr	R TRAL DRIVE, CLARKS y Court, Edison, New Jersey 08817, USA	BUR 4, N. J. 0851	0 rk
Full name of seventh joint January inventor	ane Spetzler		·
Inventor's signature*		date	
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Citizenship DENMARK			
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Citizenship			
Post Office Address Crowell Road,	Apartment 323-C, Highland Park, New J	ersey 08904, USA	



Full name of ninth joint inventor Søren Østergaard	
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Residence Borrebyvej 21, 2700-DK Broenshoej, DENMARK	date
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Post Office Address Borrebyvej 21, 2700-DK Broenshoej, DENMARK	
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Inventor's signature*	
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Full name of twelfth joint inventor Mark Ravera	
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Citizenship	
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45

Full name of thirteenth	joint inventor	Ku-chuan Hsiao	<u> </u>		
Inventor's signature*		74		-7200	— kei
Residence5-Wendov	ver Road, Edison,	New Jersey 08820, USA	451 Milano	Dr. Easton	. PA 18
Citizenship <u>U.S.</u>	A				
Post Office Address	5-Wendover Rose	l, Edison, New Jersey 088	20, USA	Milano Dr.	Easton P.
[] ATTACHED	IS/ARE ADDED I	PAGE(S) TO COMBINED	DECLARATION AN	D POWER OF	1800

- * Before signing this declaration, each person signing must:
 - 1. Review the declaration and verify the correctness of all information therein; and

ATTORNEY FORM FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

2. Review the specification and the claims, including any amendments made to the claims.

After the declaration is signed, the specification and claims are not to be altered.

To the inventor(s):

The following are cited in or pertinent to the declaration attached to the accompanying application:

Title 37. Code of Federal Regulation. § 1.56

Duty to disclose information material to patentability.

- A patent by its very nature is affect with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and



(2) the closest aformation over which individuals associated than the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

Title 35, U.S. Code § 101

Inventions patentable

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Title 35 U.S. Code § 102

Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless -

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent,
- (b) the invention was patented or described in a printed publication in this or foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate field more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other ...

Title 35, U.S. Code § 103

Conditions for patentability; non-obvious subject matter

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said matter pertains. Patentability shall not be negatived by the manner in which the invention was made.



Subject matter developed by another person, which qualifies as prior are only ander subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

Title 35, U.S. Code § 112 (in part)

Specification

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise and exact terms also enable any person skilled in the art to which it pertains, or with which it is mostly nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Title 35, U.S. Code § 119

Benefit of earlier filing date in foreign country; right of priority

An application for patent for an invention filed in this country by any person who has, or whose legal representatives or assigns have, previously regularly filed an application for a patent for the same invention in a foreign country which affords similar privileges in the case of applications filed in the United States or to citizens of the United States, shall have the same effect as the same application would have if filed in this country on the date on which the application for patent for the same invention was first filed in such foreign country, if the application in this country is filed within twelve months from the earliest date on which such foreign application was filed; but no patent shall be granted on any application for patent for an invention which had been patented or described in a printed publication in any country more than one year before the date of he actual filing of the application in this country, or which had been in public use or on sale in this country more than one year prior to such filing.

Title 35, U.S. Code § 120

Benefit or earlier filing date in the United States

An application for patent for an invention disclosed in the manner provided by the first paragraph of section 112 of this title in an application previously filed in the United States, or as provided by section 363 of this title, which is filed by an inventor or inventors named in the previously filed application shall have the same effect, as to such invention, as though filed on the date of the prior application, if filed before the patenting or abandonment of or termination of proceedings on the first application or an application similarly entitled to the benefit of the filing date of the first application and if it contains or is amended to contain a specific reference to the earlier filed application.

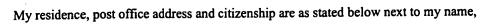
Please read carefully before signing the Declaration attached to the accompanying Application.

If you have any questions, please contact Morgan & Finnegan, L.L.P.

FORM:COMB-DEC.NY Rev. 5/21/98

COMBINED DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART APPLICATION

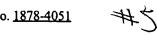
As a below name inventor, I hereby declare that:





I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INSULIN AND	IGF-1 RECEPTOR AGONIS	IS AND ANTAGON	ISTS	
the specification	of which			
a. []	is attached hereto			
b. [x]	was filed on March 29, 2000	as application Serial (if applicable).	No. <u>09/538,038</u> and w	as amended on
	PCT FILED APPLICA	ATION ENTERING N	IATIONAL STAGE	
c. []	was described and claimed in and as amended on	n International Application (if any)	ation No.	_ filed on
I hereby state that the claims, as am	t I have reviewed and underst ended by any amendment refe	and the contents of the	e above-identified spe	cification, including
I acknowledge th of Federal Regula	e duty to disclose information ations, § 1.56.	which is material to t	he patentability as de	fined in Title 37, Code
I hereby specify are to be directed	the following as the correspon	dence address to whic	h all communications	about this application
SEND (CORRESPONDENCE TO:	MORGAN & FINT 345 Park Avenue New York, N.Y. 1	·	
DIRECT	TTELEPHONE CALLS TO:	(212) 758-4800		
§ 365(b) of any fointernational application(s) file	reby claim foreign priority be oreign application(s) for pater lication(s) designating at least such foreign application(s) for ed by me on the same subject on which priority is claimed:	at or inventor's certific one country other that patent or inventor's of matter having a filing	cate or under § 365(a) in the U.S. listed below certificate or such PC	of any PCT w and also have T international
[] The this declaration.	attached 35 U.S.C. § 119 clai	m for priority for the	application(s) listed b	elow forms a part of
Country/PCT	Application Number	Date of filing (day, month, yr)	Date of Issue (day, month, yr)	Priority Claimed
				LIYES LINO



[] I hereby claim the benefit under 35 U.S.C. § 119(e) of any U.S. provisional application(s) listed below.

Provisional Application No.

Date of Filing (day, month, vr)

ADDITIONAL STATEMENTS FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART OR PCT INTERNATIONAL APPLICATION(S) (DESIGNATING THE U.S.)

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s) or under § 365(c) of any PCT international application(s) designating the U.S. listed below.

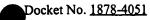
U.S. Serial No. 09/146,127	September 2, 1998	Pending
US/PCT Application Serial No.	Filing Date	Status (patented, pending, abandoned)/
	-	U.S. application no. assigned (For PCT)

[X] In this continuation-in-part application, insofar as the subject matter of any of the claims of this application is not disclosed in the above listed prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or Imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith: John A. Diaz (Reg. No. 19,550), John C. Vassil (Reg. No. 19,098), Alfred P. Ewert (Reg. No. 19,887), David H. Pfeffer (Reg. No. 19,825), Harry C. Marcus (Reg. No. 22,390), Robert E. Paulson (Reg. No. 21,046), Stephen R. Smith (Reg. No. 22,615), Kurt E. Richter (Reg. No. 24,052), J. Robert Dailey (Reg. No. 27,434), Eugene Moroz (Reg. No. 25,237), John F. Sweeney (Reg. No. 27,471), Arnold I. Rady (Reg. No. 26,601), Christopher A. Hughes (Reg. No. 26,914), William S. Feiler (Reg. No. 26,728), Joseph A. Calvaruso (Reg. No. 28,287), James W. Gould (Reg. No. 28,859), Richard C. Komson (Reg. No. 27,913), Israel Blum (Reg. No. 26,710), Bartholomew Verdirame (Reg. No. 28,483), Maria C.H. Lin (reg. No. 29,323), Joseph A. DeGirolamo (Reg. No. 28,595), Michael P. Dougherty (Reg. No. 32,730), Seth J. Atlas (Reg. No. 32,454), Andrew M. Riddles (Reg. No. 31,657), Bruce D. DeRenzi (Reg. No. 33,676), Michael M. Murray (Reg. No. 32,537), Mark J. Abate (Reg. No. 32,527), Alfred L. Haffner, Jr. (Reg. No. 18,919), Harold Haidt (Reg. No. 17,509), John T. Gallagher (Reg. No. 35,516), Steven F. Meyer (Reg. No. 35,613), Kenneth H. Sonnenfeld (Reg. No. 33,285), Tony V. Pezzano (Reg. No. 38,271), Andrea L. Wayda (Reg. No. 43,979) and Walter G. Hanchuk Reg. No. (35,179) of Morgan & Finnegan, L.L.P. whose address is: 345 Park Avenue, New York, New York, 10154; and Michael S. Marcus (Reg. No. 31,727) and John E. Hoel (Reg. No. 26,279) of Morgan & Finnegan, L.L.P., whose address is 1775 Eye Street, Suite 400, Washington, D.C. 20006.

[]	I hereby authorize the U.S. attorneys and/or agents named hereinabove to accept and follow instructions from	
	as to any action to be taken in the U.S. Patent and Trademark Office	
	regarding this application without direct communication between the U.S. attorneys and/or agents and	
	me. In the event of a change in the person(s) from whom instructions may be taken I will so notify the	
	LLS attorneys and/or agents hereinahove	



#-2

Full name of first joint inventor James Beasley
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Full name of fourth joint inventor Renuka Pillutla
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Inventor's signature*
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Citizenship DENMARK
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Inventor's signature*
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Inventor's signature* date Residence Nybrovej 222, 2800-DK Lyngby, DENMARK
Citizenship DENMARK
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Full name of twelfth joint inventor Mark Ravera
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Citizenship U.S.
Post Office Address 579 Shunpike Road, Chatham, New Jersey 07928, USA

Full name of thirteenth joint inventor	Ku-chuan Hsiao
Inventor's signature*	
	date
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Citizenship	
Post Office Address 5 Wendover Roa	d, Edison, New Jersey 08820, USA

- [] ATTACHED IS/ARE ADDED PAGE(S) TO COMBINED DECLARATION AND POWER OF ATTORNEY FORM FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS
- * Before signing this declaration, each person signing must:
 - 1. Review the declaration and verify the correctness of all information therein; and
 - 2. Review the specification and the claims, including any amendments made to the claims.

After the declaration is signed, the specification and claims are not to be altered.

To the inventor(s):

The following are cited in or pertinent to the declaration attached to the accompanying application:

Title 37. Code of Federal Regulation, § 1.56

Duty to disclose information material to patentability.

- A patent by its very nature is affect with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

Title 35, U.S. Code § 101

Inventions patentable

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Title 35 U.S. Code § 102

Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless -

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent,
- (b) the invention was patented or described in a printed publication in this or foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate field more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other ...

Title 35, U.S. Code § 103

Conditions for patentability; non-obvious subject matter

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

Title 35. U.S. Code § 112 (in part)

Specification

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise and exact terms also enable any person skilled in the art to which it pertains, or with which it is mostly nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Title 35, U.S. Code § 119

Benefit of earlier filing date in foreign country; right of priority

An application for patent for an invention filed in this country by any person who has, or whose legal representatives or assigns have, previously regularly filed an application for a patent for the same invention in a foreign country which affords similar privileges in the case of applications filed in the United States or to citizens of the United States, shall have the same effect as the same application would have if filed in this country on the date on which the application for patent for the same invention was first filed in such foreign country, if the application in this country is filed within twelve months from the earliest date on which such foreign application was filed; but no patent shall be granted on any application for patent for an invention which had been patented or described in a printed publication in any country more than one year before the date of he actual filing of the application in this country, or which had been in public use or on sale in this country more than one year prior to such filing.

Title 35, U.S. Code § 120

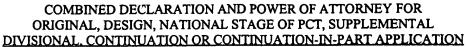
Benefit or earlier filing date in the United States

An application for patent for an invention disclosed in the manner provided by the first paragraph of section 112 of this title in an application previously filed in the United States, or as provided by section 363 of this title, which is filed by an inventor or inventors named in the previously filed application shall have the same effect, as to such invention, as though filed on the date of the prior application, if filed before the patenting or abandonment of or termination of proceedings on the first application or an application similarly entitled to the benefit of the filing date of the first application and if it contains or is amended to contain a specific reference to the earlier filed application.

Please read carefully before signing the Declaration attached to the accompanying Application.

If you have any questions, please contact Morgan & Finnegan, L.L.P.

FORM:COMB-DEC.NY Rev. 5/21/98



NOV 3 0 2000 STRADENMAN

As a below name inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INSULIN AND	IGF-1 RECEPTOR AGO	NISTS AND ANTAGON	ISTS	
the specification	of which			
a. []	is attached hereto			
b. [x]		2000 as application Serial (if applicable).	No. <u>09/538,038</u> and was ar	nended on
	PCT FILED APP	LICATION ENTERING N	IATIONAL STAGE	
c. []		ned in International Applic (if any)	ation No file	ed on
	at I have reviewed and un nended by any amendmen		e above-identified specifica	ition, including
I acknowledge th of Federal Regul		ation which is material to	he patentability as defined	in Title 37, Code
I hereby specify tare to be directed	•	spondence address to which	th all communications abou	nt this application
SEND (CORRESPONDENCE TO	O: MORGAN & FINT 345 Park Avenue New York, N.Y. 1		
DIRECT	T TELEPHONE CALLS	TO: (212) 758-4800		
[] I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) or under § 365(b) of any foreign application(s) for patent or inventor's certificate or under § 365(a) of any PCT international application(s) designating at least one country other than the U.S. listed below and also have identified below such foreign application(s) for patent or inventor's certificate or such PCT international application(s) filed by me on the same subject matter having a filing date within twelve (12) months before that of the application on which priority is claimed:				
[] The his declaration.	attached 35 U.S.C. § 119	claim for priority for the	application(s) listed below	forms a part of
Country/PCT	Application <u>Number</u>	Date of filing (day, month, yr)	Date of Issue (day, month, yr)	Priority <u>Claimed</u>
				[1VES [1NO

Pocket No. <u>1878-4051</u>

[] I hereby claim the benefit under 35 U.S.C. § 119(e) of any U.S. provisional application(s) listed below.

Provisional Application No.

Date of Filing (day, month, yr)

ADDITIONAL STATEMENTS FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART OR PCT INTERNATIONAL APPLICATION(S) (DESIGNATING THE U.S.)

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s) or under § 365(c) of any PCT international application(s) designating the U.S. listed below.

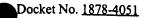
U.S. Serial No. 09/146,127	September 2, 1998	Pending
US/PCT Application Serial No.	Filing Date	Status (patented, pending, abandoned)/
	-	U.S. application no. assigned (For PCT)

[X] In this continuation-in-part application, insofar as the subject matter of any of the claims of this application is not disclosed in the above listed prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or Imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

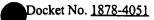
I hereby appoint the following attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith: John A. Diaz (Reg. No. 19,550), John C. Vassil (Reg. No. 19,098), Alfred P. Ewert (Reg. No. 19,887), David H. Pfeffer (Reg. No. 19,825), Harry C. Marcus (Reg. No. 22,390), Robert E. Paulson (Reg. No. 21,046), Stephen R. Smith (Reg. No. 22,615), Kurt E. Richter (Reg. No. 24,052), J. Robert Dailey (Reg. No. 27,434), Eugene Moroz (Reg. No. 25,237), John F. Sweeney (Reg. No. 27,471), Arnold I. Rady (Reg. No. 26,601), Christopher A. Hughes (Reg. No. 26,914), William S. Feiler (Reg. No. 26,728), Joseph A. Calvaruso (Reg. No. 28,287), James W. Gould (Reg. No. 28,859), Richard C. Komson (Reg. No. 27,913), Israel Blum (Reg. No. 26,710), Bartholomew Verdirame (Reg. No. 28,483), Maria C.H. Lin (reg. No. 29,323), Joseph A. DeGirolamo (Reg. No. 28,595), Michael P. Dougherty (Reg. No. 32,730), Seth J. Atlas (Reg. No. 32,454), Andrew M. Riddles (Reg. No. 31,657), Bruce D. DeRenzi (Reg. No. 33,676), Michael M. Murray (Reg. No. 32,537), Mark J. Abate (Reg. No. 32,527), Alfred L. Haffner, Jr. (Reg. No. 18,919), Harold Haidt (Reg. No. 17,509), John T. Gallagher (Reg. No. 35,516), Steven F. Meyer (Reg. No. 35,613), Kenneth H. Sonnenfeld (Reg. No. 33,285), Tony V. Pezzano (Reg. No. 38,271), Andrea L. Wayda (Reg. No. 43,979) and Walter G. Hanchuk Reg. No. (35,179) of Morgan & Finnegan, L.L.P. whose address is: 345 Park Avenue, New York, New York, 10154; and Michael S. Marcus (Reg. No. 31,727) and John E. Hoel (Reg. No. 26,279) of Morgan & Finnegan, L.L.P., whose address is 1775 Eye Street, Suite 400, Washington, D.C. 20006.

]	I hereby authorize the U.S. attorneys and/or agents named hereinabove to accept and follow instructions from		
	as to any action to be taken in the U.S. Patent and Trademark Office		
	regarding this application without direct communication between the U.S. attorneys and/or agents and		
	me. In the event of a change in the person(s) from whom instructions may be taken I will so notify the		
	U.S. attorneys and/or agents hereinabove.		



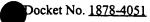
当

Full name of first joint inventor James Beasley
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Post Office Address 35 Magellan Way, Franklin Park, NJ 08823 USA
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Citizenship U.S.
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Citizenship DENMARK
Post Office Address Hornemansgade 12,1,2100-DK Copenhagen Ø, Denmark
Full name of fourth joint inventor Renuka Pillutla
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Post Office Address 10 Pope Road, Bridgewater, NJ 08807 USA





Full name of fifth joint inventor
Inventor's signature*
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Citizenship DENMARK
Post Office Address Tjoernevangen 27, 2700-DK Broenshoej, DENMARK
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Inventor's signature*
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Citizenship
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Full name of seventh joint Jane Spetzler inventor
Inventor's signature*
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Citizenship DENMARK
Post Office Address Øestbanegade 41,1,t.h., 2100-DK Copenhagen Ø, DENMARK
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Full name of ninth joint inventor Søren Østergaard
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Citizenship DENMARK
Post Office Address Borrebyvej 21, 2700-DK Broenshoej, DENMARK
Full name of tenth joint inventor Wlodek S. Mandecki
Inventor's signature* Sept 17, 2002
Residence c/o PharmaSeq, 11 Deer Drive, Monmouth Junction, New Jersey 08852, USA
Citizenship V.S.A.
Post Office Address c/o PharmaSeq, 11 Deer Drive, Monmouth Junction, New Jersey 08852, USA
Full name of eleventh joint inventor Per Hertz Hansen
Inventor's signature*
Residence Nybrovej 222, 2800-DK Lyngby, DENMARK
Citizenship DENMARK
Post Office Address Nybrovej 222, 2800-DK Lyngby, DENMARK
Tost Office Address Typhovej 222, 2000-DR Lyngby, DENWARR
Full name of twelfth joint inventor Mark Ravera
Inventor's signature*
Residence 579 Shunpike Road, Chatham, New Jersey 07928, USA
Citizenship
Post Office Address 579 Shunpike Road, Chatham, New Jersey 07928, USA



Full na	me of thirteenth joint inventor	Ku-chuan Hsiao
Invento	or's signature*	
	-	date
Reside	nce 5 Wendover Road, Edison	, New Jersey 08820, USA
Citizen	ship	
Post Of	ffice Address 5 Wendover Roa	ad, Edison, New Jersey 08820, USA
[]		PAGE(S) TO COMBINED DECLARATION AND POWER OF

- * Before signing this declaration, each person signing must:
 - 1. Review the declaration and verify the correctness of all information therein; and
 - 2. Review the specification and the claims, including any amendments made to the claims.

After the declaration is signed, the specification and claims are not to be altered.

To the inventor(s):

The following are cited in or pertinent to the declaration attached to the accompanying application:

Title 37. Code of Federal Regulation, § 1.56

Duty to disclose information material to patentability.

- A patent by its very nature is affect with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

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Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Title 35 U.S. Code § 102

Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless -

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent,
- (b) the invention was patented or described in a printed publication in this or foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate field more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other ...

Title 35, U.S. Code § 103

Conditions for patentability; non-obvious subject matter

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said matter pertains. Patentability shall not be negatived by the manner in which the invention was made.



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Title 35, U.S. Code § 112 (in part)

Specification

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise and exact terms also enable any person skilled in the art to which it pertains, or with which it is mostly nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Title 35. U.S. Code § 119

Benefit of earlier filing date in foreign country; right of priority

An application for patent for an invention filed in this country by any person who has, or whose legal representatives or assigns have, previously regularly filed an application for a patent for the same invention in a foreign country which affords similar privileges in the case of applications filed in the United States or to citizens of the United States, shall have the same effect as the same application would have if filed in this country on the date on which the application for patent for the same invention was first filed in such foreign country, if the application in this country is filed within twelve months from the earliest date on which such foreign application was filed; but no patent shall be granted on any application for patent for an invention which had been patented or described in a printed publication in any country more than one year before the date of he actual filing of the application in this country, or which had been in public use or on sale in this country more than one year prior to such filing.

Title 35, U.S. Code § 120

Benefit or earlier filing date in the United States

An application for patent for an invention disclosed in the manner provided by the first paragraph of section 112 of this title in an application previously filed in the United States, or as provided by section 363 of this title, which is filed by an inventor or inventors named in the previously filed application shall have the same effect, as to such invention, as though filed on the date of the prior application, if filed before the patenting or abandonment of or termination of proceedings on the first application or an application similarly entitled to the benefit of the filing date of the first application and if it contains or is amended to contain a specific reference to the earlier filed application.

Please read carefully before signing the Declaration attached to the accompanying Application.

If you have any questions, please contact Morgan & Finnegan, L.L.P.

FORM:COMB-DEC.NY Rev. 5/21/98

P.002/015 Docket No. <u>1878-4051</u>

COMBINED DECLARATION AND POWER OF ATTURNEY FOR ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL DIVISIONAL, CONTINUATION OR CONTINUATION-IN-FART APPLICATION

As a below name inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claumed and for which a patent is sought on the invention entitled:

INSULIN AND IGF-I RECEPTOR AGONISTS AND ANTAGONISTS

Me	sheertreamon c	21 MILLOID	

a. [] is attached hereto

b [x] was filed on March 29, 2000 as application Serial No 09/5 38 038 and was amended on _____ (if applicable).

PCT FILED APPLICATION ENTERING NATIONAL STAGE

was described and claimed in international Application No c. [] and as amended on ______ (if any).

I hereby state that I have reviewed and understand the contents of the above-dentified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the paterial filty as defined in Title 37, Code of Federal Regulations, § 1 56.

I hereby specify the following as the correspondence address to which all communications about this application are to be directed:

SEND CORRESPONDENCE TO:

MORGAN & FINNEGAN, L L P

345 Park Avenue

New York, N.Y. 10154

DIRECT TELEPHONE CALLS TO: (212) 758-4800

- [] I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) or under § 365(b) of any foreign application(s) for patent or inventor's certificate or under § 365(a) of any PCT international application(s) designating at least one country other than the U.S. listed below and also have identified below such foreign application(s) for patent or inventor's certificate or such PCT international application(s) filed by me on the same subject matter having a filing date within twelve (12) months before that of the application on which priority is claimed:
- [] The attached 35 U.S.C. § 119 claim for priority for the application(s) listed below forms a part of this declaration.

Date of Issue Priority Application Date of filing (d:y_nonth, yr) Claimed (day month yr) Country/PCT Number

[]YES [_]NO

Full name of first joint inventor James Beasley	
Inventor's signature	1
Residence 35 Manellan Way, Franklin Park, NJ 08823 USA	date
Citizenship U.S.	-
Post Office Address 35 Magellan Way, Franklin Park, NJ 08823 USA	
Full name of second joint inventor Arthur J. Blume	
Inventor's agnature	date .
Residence 11 Walden Drive, Annandale, NJ 08801 USA	
Citizenship U.S.	
Post Office Address 11 Walden Drive, Annandale. NJ 08801 USA	
The state of the s	
Full name of third joint inventor Lauge Schäffer	
Inventor's signature	date
Residence Hornemansgade 12.1,2100-DK Copenhagen Ø, Denmark	
Citizenship DENMARK	
Post Office Address Hornemansgade 12,1,2100-DK Copenhagen Ø, Denu	na-k
Full name of fourth joint inventor Renuks Pilluria	
Inventor's signature	date
Residence 10 Pope Road, Bridgewater, NJ 08807 USA	-
Citizenship INDIA	
Post Office Address 10 Pune Road Bridgewater, NJ 08807 USA	•

[] I hereby claim the benefit under 35 U.S.C. § 119(e) of any U.S. provisional application(s) listed below.

Provisional Application No.

Date of Filing (day, month, 37)

ADDITIONAL STATEMENTS FOR DIVISIONAL, CONTINUATION DE CONTINUATION-IN-PART OR PCT INTERNATIONAL APPLICATION(S) (DESIGNATING THE U.S.)

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s) or under § 365(c) of any PCT international application(s) designating the U.S. listed below.

U.S Senal No. 09/146,127 September 2, 1998 US/PCT Application Serial No. Filing Date

Perding Status (parented, pending, abandoned)/ U.S. application no. assigned (For PCT)

[X] In this continuation-in-part application, insofar as the subject matter of any of the claims of this application is not disclosed in the above listed prior United States or PCT in equational application(s) in the manner provided by the first paragraph of Title 35. United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the tike so made are punishable by fine or L'uprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement, may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to receive the patent, and to wansact all business in the Patent and Trademark Office connected therewith: John A. Dinz (Reg. No. 19,550), John C. Vassil (Reg. No. 19,098), Alfred P Ewen (Reg. No. 19,887), David H. Pfeffer (Reg. No. 19,825), Harry C. Marcus (Reg. No. 22,390), Robert E. Paulson (Reg. No. 21,046), Stephen R. Smith (Reg. No. 22,615), Kurt E. Richter (Reg. No. 24,052), J. Robert Duiley (Reg. No. 27,434), Eugene Moroz (Reg. No. 25,237), John F. Sweeney (Reg. No. 27,471), Arnold I. Rady (Reg. No. 26,601), Christopher A. Hughes (Reg. No. 26,914), William S. Feiler (Reg. No. 26,728), Joseph A. Calvaruso (Reg. No. 28,287), James W. Gould (Reg. No. 28,859), Richard C. Komson (Rrg. No. 27,913), Israel Blum (Reg. No. 26,710), Bartholomew Verdurame (Reg. No. 28,483), Marta C.H. Lin (reg. No. 29,323), Joseph A. DeGirolamo (Reg. No. 28,595), Michael P. Dougherty (Reg. No. 32,730), Sith J. Atlas (Reg. No. 32,454), Andrew M. Riddles (Reg. No. 31,657), Bruce D. DeRenzi (Reg. No. 33,676), Michael M. Murray (Reg. No. 32,537), Mark J. Abate (Reg. No. 32,527), Alfred L. Haffner, Jr. (Reg. No. 18,919), Harold Haidt (Reg. No. 17,509), John T. Gallagher (Reg. No. 35,516), Steven F. Meyer (Reg. No. 35,613), Kenneth H. Sonnenfeld (Reg. No. 33,285), Tony V. Pezzano (Reg. No. 38,271), Andrea L. Wayda (Reg. No. 43,979) and Walter G. Hanchuk Reg. No. (35,179) of Morgan & Finnegan, L.L.P. whose address 1st: 345 Park Avenue, New York, New York, 10154; and Michael S. Marcus (Reg. No. 31,727) and John E. Hoel (Reg. No. 26,279) of Morgan & Finnegan, L.L.P., whose address is 1775 Eye Street, Suite 400, Washington, D.C. 20006.

[]	I hereby authorize the U.S. attorneys and/or agents named herrinabove to accept and follow
	instructions from

as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and/or agents and me In the event of a change in the person(s) from whom instructions thay be taken I will so notify the U.S. attorneys and/or agents hereinabove.

Full name of fifth joint inventor Jakob Brand:	
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Residence Tjoernevangen 27, 2700-DK Broenshoej, DENMARK	date
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Inventor's signature*	date
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Citizenship	
Post Office Address 2676 Wildberry Court, Edison, New Jersey 08817, US	<u> </u>
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Inventor's signature*	
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Citizenship DENMARK	
Post Office Address Oestbunegade 41,1,th., 2100-DK Copenhagen Ø, Dill	NMARK
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Inventor's signature	09/22/00 dare
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CinzenshipCHINA	
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Full name of ninth joint inventor	Søren Østergaard	
-		3
-	-DK Broenshoej, DENMARK	date
Citizonship DENMARK		
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Cinzenship		
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Post Office Address Nybrovej	222, 2800-DK Lyngby, DENMARK	
Full name of twelfth joint invento		
	, Chatham, New Jersey 07928, USA	date
	pike Road, Chatham, New Jersey 07928	LUSA

Full name of thirteenth joint inventor Ku-chuan Hsiao	
Inventor's signature	date
Residence 5 Wendover Road, Edison, New Jersey 08820, USA	
Crtizenship	
Post Office Address 5 Wendover Road, Edison, New Jersey 08820, USA	

- ATTACHED IS/ARE ADDED PAGE(S) TO COMBINED DECLARATION AND POWER OF ATTORNEY FORM FOR SIGNATURE BY FOURTH AND SUESEQUENT INVENTORS []
- Before signing this declaration, each person signing must:
 - Review the declaration and verify the correctness of all information therein; and 1.
 - Review the specification and the claims, including any arrendments made to the claims. 2.

After the declaration is signed, the specification and claims are not to be altered.

To the inventor(s):

The following are cited in or pertment to the declaration attached to the accompanying application:

Title 37. Code of Federal Regulation & 1.56

Dury to disclose information material to patentability.

- A patent by its very nature is affect with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the reachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent at plication has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim v; canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under considerance in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is disented to be satisfied if all information known to be material to patentability of any claim issued in patent was cited by the Office or submitted to the Office in the manner prescribed by \$51.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on it e Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional inisconduct. The Office encourages applicants to carefully examine:
- prior art cited in search reports of a foreign patent office in a counterpart application, (1) and

the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained, therein is disclosed to the Office.

Title 35 U.S. Code \$ 101

inventions patentable

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Title 35 U.S. Code & 102

Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless -

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent,
- (b) the invention was patented or described in a printed publication in this or foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States, or
 - (c) be has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate field more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this rule before the invention thereof by the applicant for patent, or
 - (i) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another had not abandoned, suppressed, or concealed it. In determining priority of invertion there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other...

Title 35, U.S. Code 6 103

Conditions for patentability; non-obvious subject matter

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as 4 whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said matter persins. Patentibility shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this trile, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person of subject to an obligation of assignment to the same person.

Title 35 U.S. Code & 112 (in part)

Specification

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise and exact terms also enable any person skilled in the art to which it persuns, or with which it is mostly nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Title 35 U.S. Code § 119

Benefit of earlier filing date in foreign country; right of priority

An application for patent for an invention filed in this country by any person who has, or whose legal representatives or assigns have, previously regularly filed an application for a patent for the same invention in a foreign country which affords similar privileges in the case of applications filed in the United States or to entrem of the United States, shall have the same effect as the same application would have if filed in this country on the date on which the application for patent for the same invention was first filed in such foreign country, if the application in this country is filed within twelve months from the earliest date on which such foreign application was filed; but no patent shall be granted on any application for patent for an invention which had been patented or described in a printed publication in any country more than one year before the date of he actual filing of the application in this country, or which had been in public use or on sale in this country more than one year prior to such filing

Tirle 35 U.S. Code & 120

Benefit or earlier filing date in the United States

An application for patent for an invention disclosed in the manner provided by the first paragraph of section 112 of this title in an application previously filed in the United States, or as provided by section 363 of this title, which is filed by an inventor or inventors named in the previously filed application shall have the same effect, as to such invention, as though filed on the date of the prior application, if filed before the patenting or abandonment of or termination of proceedings on the first application or an application similarly entitled to the benefit of the filing date of the first application and if it contains or is amended to contain a specific reference to the earlier filed application.

Please read carefully before signing the Declaration attached to the accompanying Application.

If you have any questions, please contact Morgan & Finnegan, L.I..P.

FORM:COMB-DEC.NY Rev. 5/21/98

Docket No. <u>1878-405</u>

COMBINED DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART APPLICATION

As a below name inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INSULIN AND	IGF-1 RECEPTOR AGON	STS AND ANTAGON	STS	
the specification	of which			
a. []	is attached hereto			
b. [x]	was filed on March 29, 200	00 as application Serial l	No. <u>09/538,038</u> and was a	mended on
	PCT FILED APPLIC	CATION ENTERING N	ATIONAL STAGE	
c. []	was described and claimed and as amended on			led on
	at I have reviewed and under nended by any amendment re		e above-identified specific	eation, including
I acknowledge th of Federal Regul	ne duty to disclose informatiations, § 1.56.	on which is material to t	he patentability as defined	d in Title 37, Code
I hereby specify tare to be directed	the following as the corresponding	ondence address to whic	h all communications abo	out this application
SEND (CORRESPONDENCE TO:	MORGAN & FINN 345 Park Avenue New York, N.Y. 10		
DIRECT	T TELEPHONE CALLS TO	D: (212) 758-4800		
§ 365(b) of any fointernational applications sapplication(s) file	reby claim foreign priority boreign application(s) for pat lication(s) designating at lea such foreign application(s) fed by me on the same subject on which priority is claime	ent or inventor's certific st one country other that for patent or inventor's of the matter having a filing	ate or under § 365(a) of a n the U.S. listed below an certificate or such PCT int	ny PCT d also have ternational
[] The his declaration.	attached 35 U.S.C. § 119 cl	aim for priority for the	application(s) listed below	v forms a part of
Country/PCT	ApplicationNumber	Date of filing (day, month, yr)	Date of Issue (day, month, yr)	Priority <u>Claimed</u>
				(1YES [1NO



[] I hereby claim the benefit under 35 U.S.C. § 119(e) of any U.S. provisional application(s) listed below.

Provisional Application No.

Date of Filing (day, month, yr)

ADDITIONAL STATEMENTS FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART OR PCT INTERNATIONAL APPLICATION(S) (DESIGNATING THE U.S.)

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s) or under § 365(c) of any PCT international application(s) designating the U.S. listed below.

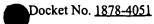
U.S. Serial No. 09/146,127	September 2, 1998	Pending
US/PCT Application Serial No.	Filing Date	Status (patented, pending, abandoned)/
55/1 51 1-pp	5	U.S. application no. assigned (For PCT)

[X] In this continuation-in-part application, insofar as the subject matter of any of the claims of this application is not disclosed in the above listed prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or Imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith: John A. Diaz (Reg. No. 19,550), John C. Vassil (Reg. No. 19,098), Alfred P. Ewert (Reg. No. 19,887), David H. Pfeffer (Reg. No. 19,825), Harry C. Marcus (Reg. No. 22,390), Robert E. Paulson (Reg. No. 21,046), Stephen R. Smith (Reg. No. 22,615), Kurt E. Richter (Reg. No. 24,052), J. Robert Dailey (Reg. No. 27,434), Eugene Moroz (Reg. No. 25,237), John F. Sweeney (Reg. No. 27,471), Arnold I. Rady (Reg. No. 26,601), Christopher A. Hughes (Reg. No. 26,914), William S. Feiler (Reg. No. 26,728), Joseph A. Calvaruso (Reg. No. 28,287), James W. Gould (Reg. No. 28,859), Richard C. Komson (Reg. No. 27,913), Israel Blum (Reg. No. 26,710), Bartholomew Verdirame (Reg. No. 28,483), Maria C.H. Lin (reg. No. 29,323), Joseph A. DeGirolamo (Reg. No. 28,595), Michael P. Dougherty (Reg. No. 32,730), Seth J. Atlas (Reg. No. 32,454), Andrew M. Riddles (Reg. No. 31,657), Bruce D. DeRenzi (Reg. No. 33,676), Michael M. Murray (Reg. No. 32,537), Mark J. Abate (Reg. No. 32,527), Alfred L. Haffner, Jr. (Reg. No. 18,919), Harold Haidt (Reg. No. 17,509), John T. Gallagher (Reg. No. 35,516), Steven F. Meyer (Reg. No. 35,613), Kenneth H. Sonnenfeld (Reg. No. 33,285), Tony V. Pezzano (Reg. No. 38,271), Andrea L. Wayda (Reg. No. 43,979) and Walter G. Hanchuk Reg. No. (35,179) of Morgan & Finnegan, L.L.P. whose address is: 345 Park Avenue, New York, New York, 10154; and Michael S. Marcus (Reg. No. 31,727) and John E. Hoel (Reg. No. 26,279) of Morgan & Finnegan, L.L.P., whose address is 1775 Eye Street, Suite 400, Washington, D.C. 20006.

[]	I hereby authorize the U.S. attorneys and/or agents named hereinabove to accept and follow instructions from
	as to any action to be taken in the U.S. Patent and Trademark Office
	regarding this application without direct communication between the U.S. attorneys and/or agents and
	me. In the event of a change in the person(s) from whom instructions may be taken I will so notify the
	U.S. attorneys and/or agents hereinabove.



James Beasley Full name of first joint inventor Inventor's signature* date Residence 35 Magellan Way, Franklin Park, NJ 08823 USA Citizenship U.S. Post Office Address 35 Magellan Way, Franklin Park, NJ 08823 USA Full name of second joint inventor Arthur J. Blume Inventor's signature* date Residence 11 Walden Drive, Annandale, NJ 08801 USA Citizenship U.S. Post Office Address 11 Walden Drive, Annandale, NJ 08801 USA Full name of third joint inventor Inventor's signature* Residence Hornemansgade 12,1,2100-DK Copenhagen Ø, Denmark Citizenship DENMARK Post Office Address Hornemansgade 12,1,2100-DK Copenhagen Ø, Denmark Full name of fourth joint inventor Renuka Pillutla Inventor's signature* date Residence 10 Pope Road, Bridgewater, NJ 08807 USA Citizenship INDIA

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Full name of ninth joint inventor Søren Østergaard	
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Citizenship DENMARK	
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Inventor's signature*	date
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Citizenship	
Post Office Address 516 Hemlock Lane, Libertyville, Illinois 60048, USA	
Full name of eleventh joint inventor Per Hertz Hansen	
Inventor's signature*	
Residence Nybrovej 222, 2800-DK Lyngby, DENMARK	date 8/8-2000
Citizenship DENMARK	7 -
Post Office Address Nybrovej 222, 2800-DK Lyngby, DENMARK	
Full name of twelfth joint inventor Mark Ravera	
Inventor's signature*	
Residence 579 Shunpike Road, Chatham, New Jersey 07928, USA	date
Citizenship	
Post Office Address 579 Shunnike Road, Chatham, New Jersey 07928, USA	.

Full name of thirteenth joint inventor	Ku-chuan Hsiao	
Inventor's signature*		
	date	
Residence 5 Wendover Road, Ediso	on, New Jersey 08820, USA	
Citizenship		
•		
Post Office Address 5 Wendover R	oad, Edison, New Jersey 08820, USA	

- [] ATTACHED IS/ARE ADDED PAGE(S) TO COMBINED DECLARATION AND POWER OF ATTORNEY FORM FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS
- * Before signing this declaration, each person signing must:
 - 1. Review the declaration and verify the correctness of all information therein; and
 - 2. Review the specification and the claims, including any amendments made to the claims.

After the declaration is signed, the specification and claims are not to be altered.

To the inventor(s):

The following are cited in or pertinent to the declaration attached to the accompanying application:

Title 37. Code of Federal Regulation, § 1.56

Duty to disclose information material to patentability.

- A patent by its very nature is affect with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and

45

(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

Title 35, U.S. Code § 101

Inventions patentable

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Title 35 U.S. Code § 102

Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless -

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent,
- (b) the invention was patented or described in a printed publication in this or foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate field more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other ...

Title 35, U.S. Code § 103

Conditions for patentability; non-obvious subject matter

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said matter pertains. Patentability shall not be negatived by the manner in which the invention was made.



Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

Title 35, U.S. Code § 112 (in part)

Specification

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise and exact terms also enable any person skilled in the art to which it pertains, or with which it is mostly nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Title 35, U.S. Code § 119

Benefit of earlier filing date in foreign country; right of priority

An application for patent for an invention filed in this country by any person who has, or whose legal representatives or assigns have, previously regularly filed an application for a patent for the same invention in a foreign country which affords similar privileges in the case of applications filed in the United States or to citizens of the United States, shall have the same effect as the same application would have if filed in this country on the date on which the application for patent for the same invention was first filed in such foreign country, if the application in this country is filed within twelve months from the earliest date on which such foreign application was filed; but no patent shall be granted on any application for patent for an invention which had been patented or described in a printed publication in any country more than one year before the date of he actual filing of the application in this country, or which had been in public use or on sale in this country more than one year prior to such filing.

Title 35, U.S. Code § 120

Benefit or earlier filing date in the United States

An application for patent for an invention disclosed in the manner provided by the first paragraph of section 112 of this title in an application previously filed in the United States, or as provided by section 363 of this title, which is filed by an inventor or inventors named in the previously filed application shall have the same effect, as to such invention, as though filed on the date of the prior application, if filed before the patenting or abandonment of or termination of proceedings on the first application or an application similarly entitled to the benefit of the filing date of the first application and if it contains or is amended to contain a specific reference to the earlier filed application.

Please read carefully before signing the Declaration attached to the accompanying Application.

If you have any questions, please contact Morgan & Finnegan, L.L.P.

FORM:COMB-DEC.NY Rev. 5/21/98